

19990428.ba v02_n522.bam.990428 v02_n523.bam.990428

>From ???@??? Wed Apr 28 06:37:46 1999
Message-Id: <199904280707.CAA00104@sco.theporch.com>
Date: Wed, 28 Apr 1999 02:07:10 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2522

BOATANCHORS Digest 2522

Topics covered in this issue include:

- 1) Thanks for info FL2100B
by "Paul Bernhard Sr." <w2tu@email.msn.com>
- 2) Re: Receiver alignment-What did the factory use?
by N5CM@aol.com
- 3) Frequency selective voltmeter, Philco Sierra
by Richard Post <post@ouvaxa.cats.ohiou.edu>
- 4) HAMMARLUND & FRANK LESTER
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 5) Frequency-Selective Voltmeter, useage thereof.....
by "Tom R. Rice" <tomrice@netcom.com>
- 6) Re: Receiver alignment-What did the factory use?
by "Tom R. Rice" <tomrice@netcom.com>
- 7) Anyone Need 5CP1 Scope Tubes?
by David Stinson <arc5@ix.netcom.com>
- 8) FS National NC-100A
by "Lawrence R. Ware" <lrware@pipeline.com>
- 9) TUBE STUFF ON THE WEB
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 10) [Fwd: R-390 parts]
by David Stinson <arc5@ix.netcom.com>
- 11) RE: More Receiver alignment
by "David Newkirk" <dpnewkirk@home.com>
- 12) Apache/SX-101 restoration
by Kevin Thomas <kg9il@mc.net>
- 13) 275 Matchbox Sold
by "Al Fritsche" <fritsche@email.msn.com>
- 14) National NC-101 PWR Transformer
by "Lawrence R. Ware" <lrware@pipeline.com>
- 15) Re: Apache/SX-101 restoration
by Al Parker <anchor@coastalnet.com>
- 16) Mystery RF deck help
by Mike Kana <cosmo224@execpc.com>
- 17) WTT: EFJ Ranger literature
by Joe Eide <jeide@execpc.com>
- 18) Re: Frequency-Selective Voltmeter, useage thereof.....

by "Jim Carrington" <jcall@sirius.com>
19) Whazzit?
by Raymond Cote <rcote@pixi.com>

Message-ID: <004501be90ad\$b2c74ba0\$ca5a2299@default>
From: "Paul Bernhard Sr." <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Thanks for info FL2100B
Date: Tue, 27 Apr 1999 08:58:50 -0400

Hi all;

The list has come through again. Many thanks for the replies on my query. I'll let you know the outcome and will get to each individually when I get this thing working. Don't forget to visit our Naval Park this summer. Look me up if your in town.

Paul B. W2TU/NNNOGNB

w2tu@email.msn.com

<http://www.geocities.com/~dd537>

From: N5CM@aol.com
Message-ID: <438e1d9b.245725ea@aol.com>
Date: Tue, 27 Apr 1999 10:38:34 EDT
Subject: Re: Receiver alignment-What did the factory use?
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Kim & Gang,

A simple addition of a tuned circuit between the calibration signal(s) and receiver can be used to attenuate unwanted signals, possible harmonics, spurious oscillations, etc. A coil of appropriate inductance in parallel with a variable condenser connected from the signal generator or other source to ground. Tune to the alignment signal. It rejects the alignment signal but offers low impediance and by-passes off frequency signals to ground.

It is essentially a Parallel Trap.

My 2 cents worth !

73, Ken....N5CM....

Message-Id: <v03007801b34ba68b0080@[132.235.46.183]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 27 Apr 1999 12:54:07 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Frequency selective voltmeter, Philco Sierra

Anchorites,

Picked up a model 126B at an auction. Covers 8 to 1620 KHz in two bands, made by Sierra Electronics division of Philco Corp of Menlo Park, Calif, last calibrated 18 Jan 73.

Earlier comments here indicated these are essentially radios with a meter attached. Is that correct? This is the first I have seen. What did they use these for? Checking signal strength for BC broadcasters? How is it at VLF freqs? Anyone happen to have a schematic?

Weird old tube test equipment just seeks me out :-)

73, Rich

=====
Boatanchor Pix website - KB8TAD
<http://oak.cats.ohiou.edu/~postr/bapix/>
<mailto:postr@ohiou.edu>
visit the Museum of Radio and Technology website
<http://oak.cats.ohiou.edu/~postr/MRT/>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Tue, 27 Apr 1999 12:41:39 -0400 (EDT)
Subject: HAMMARLUND & FRANK LESTER
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9904271241.aa09590@pcusa01.ecunet.org>

To: boatanchors@theporch.com

> >Dave, did you ask Frank about the HX-50, the infamous Drifty Fifty?
> >I think this equipment almost sunk Hammarlund.
> >
> Frank did talk about the HX-50. This came thru several model changes
> (with 160, without 160, 50 w then 100W etc.) The HX-50 was to compete
> with HT-37 serious hams would use the HX-500. We used an HX-50 at Mt.
> Mitchell in 1964 and had none of the drift problems. They sold 2500 so
> they did alright.

Yet they are very rarely seen at hamfests. I estimate the ratio of, say, Halli HT-37 to HX-50 to be around 20 to 1 in my 25 years of going to hamfests. They are troublesome & really need a sweep gen to be "easily" aligned. The -A version fixed a lot of obvious problems that never should have been seen by the user. Plus, there were factory mods for other problems.

The HT-37, to my knowledge, went thru no such problems & changes (please correct me if I'm wrong). Halli productions were very stable, i.e. very few, if any, changes along the way.

The HX-500 was a throwback, an antique design which generated SSB the way AT&T did in 1927!! I.e. generate a modulated sig at very low (60 kHz) freq so that lumped LC filters can be used for sideband filtering. What a lot of alignment!! But then, Hammar equipment seems to *demand* fancy alignment techniques. Overly complex for what it accomplished.

The -500 also did not have even a pi-net output, if mem serves correct (I no longer have a schematic of it), it needed 50 ohms or else too bad.

And how many are to be seen? I have *never* seen one.

>I doubt the -100 or -110 had enfu stability for serious use with an HC-10
> >His reference to the National NC-300 & -303 performance with VHF
> >converters seems way off. These rx's had a special "converter" band at
> >30-34 MHz (like Halli SX-101A). You could use any converter having
> that >output with them, not just National's converters.
>
> We tried the NC303 with the 2 and 6 meter converters on the VHF contest
> and went back to the Clegg receiver...improvement was significant. We
> have found out that the NC303 is more selective on CW on 160 than the
> HQ170. >

The overall performance on VHF is strongly set by the performance of the converter used. The Clegg receiver may have had xtal filters in its IF which the NC-300/303 did not (80 KHz LC's). One area of potential

deficiency when using a separate converter is that AGC is not usually applied to the converter's RF amp(s). This could lead to some cross-modulation, overload, etc. in presence of strong sigs.

> I felt the SX101 was a poor performer compared to the later SX115 and
> even the SX117.

The -101A and the -115 (& -117) share almost exactly the same last IF's (50 KHz, lumped LC cts., where most of the selectivity is made), product detector & AGC cts. (except -115 had an added, dual loop AGC system). The straight -101 lacked a product detector & SSB AGC so not happy on SSB but sounded better on AM than the A version.

> The HQ215 was the Frank and Bob W2HEL/4 designed version on the Collins
> 75S3. This is a great receiver. Just watch out for spring read out
> dial..... Guess the Collins PTO could not be copied (hard even today).

The market of hams who parted only carefully with their hard-earned money spoke negatively on this one.

>BTW, W2AMJ was very active on VHF in 40s & shows up a lot
in Ed Tilton's >columns' lists.

Frank worked for Lafayette and Link and was active on 5 meters before WW II and on 2 and 6 after the War. He joined Hammarlund in 1955 as their marketing rep. He said he found no hams in engineering and only Frank Sylvester in sales was a ham. He made all the enginers become hams and got Stu Meyer to join the firm as Chief Engineer then President.

> The PRO 310 was a disaster but the HQ100/110/HC-10/HQ170 quickly revived
> Hammarlunds place in amateur radio. More later...

What happened with the 310? I never saw on in the flesh.

-John Sehring (Mon, Apr 26, 1999 Custer SD USA) UCC WB0EQ

From: "Tom R. Rice" <tomrice@netcom.com>
Message-Id: <199904271846.LAA00512@netcom17.netcom.com>
Subject: Frequency-Selective Voltmeter, useage thereof.....
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 27 Apr 1999 11:46:11 -0700 (PDT)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Earlier comments here indicated these are essentially radios with a meter attached. Is that correct? This is the first I have seen. What did they use these for? Checking signal strength for BC broadcasters? How is it at VLF freqs? Anyone happen to have a schematic?

Sierra sets were used by telephone companies, railroads and others who communicated over wires using frequency-division multiplex carrier systems (such as the Bell System C, J, K, N & O, Lenkurt 45 or Kellogg K-24).

These systems allowed a wire pair (or cable) to carry many voice channels by heterodyning each voiceband channel up higher in frequency. For the three-channel C carrier, for instance, the three channels were centered approximately at 8 kc, 11 kc and 14.5 kc for transmission in one direction (E-W), 21 kc, 24.5 kc and 28.5 kc for the return path (W-E).

J carriers put 12 channels in the band 36 - 84 kc (W-E) and the returns at 92 - 140 kc (E-W). Other systems went higher; some coax cable systems went up to 3 mc.

So the Sierra set allowed you to tune through the band and check out each channel individually for gain, noise and similar measurements.

(See the ITT Reference Data for Radio Engineers, 4th ed.)

As VLF receivers, they are pretty good if you put a pre-amp in front; carrier systems used typical transmission levels of +4 to +10 dbm, often at 135 ohms Z.

Hi Manuals used to have some schematics for these things.

These are fun boxes for us old telephone geezers. Most hams don't see a use for 'em, but if you're a VLF or test equipment nut, they're pretty neat.

Have fun!

(More than you ever wanted to know from the files of WB6BYH)

73

--

"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice

tomrice@netcom.com

From: "Tom R. Rice" <tomrice@netcom.com>
Message-Id: <199904271925.MAA26276@netcom2.netcom.com>
Subject: Re: Receiver alignment-What did the factory use?
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 27 Apr 1999 12:25:57 -0700 (PDT)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Usually small companies struggling in the low rent commercial section will
> scrimp on test equipment. I once visited an electric organ (musical type)
> factory that will remain nameless (probably went belly up long ago) that
> was full of Heath test equipment. I shuddered and wondered how they got

Across the street from ITT Labs in Palo Alto,
where I was in 1961, was located a company which
manufactured data-type tape recorders, one of the
first to make the stacked-reel type (as opposed to
the two reels side-by-side). I visited there one
day and was astounded to see that all their electronics
were set up, adjusted and tweaked using Heathkit gear
on the production line.

The tape-recorder boss said that they kept their
Heath stuff well-calibrated, using H-P gear, but
admitted that he was thinking of changing to all
H-P stuff on the line, not because he felt it was
technically necessary, but because potential customers
were barfed-out by seeing the Heath stuff in a "pro" shop.

I was heavily into serious audio, so I contacted the H-P
rep and arranged to buy my very own 200CD and 400D,
with an H-Lab power supply for the bench. H-P was
just up the road, so I had the order placed on "will
call"; when I arrived at the dock, I got quite a
hassle because I was a person, not a company, and
the people there never, ever had seen a private
individual buy H-P stuff! (Nowadays, they'll sell
to anybody, but you can't afford it.)

Ahh, the good, old days!

73 de WB6BYH

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"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

Message-ID: <37261746.B2731A82@ix.netcom.com>

Date: Tue, 27 Apr 1999 15:00:06 -0500

From: David Stinson <arc5@ix.netcom.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Anyone Need 5CP1 Scope Tubes?

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have three 5CP1 scope tubes recovered from equipment.

They're all untested, so are all in one box.

\$11 postage paid in the US, cost plus actual elsewhere.

Will refund if all turn out to be bad.

73 Dave Stinson AB5S

arc5@ix.netcom.com

Message-Id: <3.0.5.32.19990427153219.009028c0@pop.pipeline.com>

Date: Tue, 27 Apr 1999 15:32:19 +0000

To: Old Tube Radios <boatanchors@theporch.com>

From: "Lawrence R. Ware" <lrware@pipeline.com>

Subject: FS National NC-100A

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Good evening folks!

Alas, a short term cash flow problem forces me to start shedding some
excess BA ballast. :-(

For sale:

National NC-100ASC/D, (not sure if this is the ASC or ASD version.)

See Moore's 4th ed. page 103. Has 200-400 KC LF band.

Requires external speaker W/ audio output transformer, (not included.)

Single ended 6F6 audio output circuit, so even a RS 70V line transformer
works fine. Has the infinite impedance detector and noise limiter
circuits of later NC-100A's, (factory installed.)

I have a very close, but not exactly correct manual photocopy which
comes with it.

Cosmetic:

Cosmetic shape is only fair to good. Was repainted sometime in the past, Black, but not the correct wrinkle paint, thus some areas of the outside no longer has the wrinkle surface they should. Has all correct knobs, and a good looking tuning dial. S-meter is correct, looks good and works fine. No major problems.

Needs cleaning inside to look really good. Wire dial (band change) string is missing and has not been replaced because at least one small pulley is also missing. :-(Frequency tuning is un-affected and works fine, (reads correctly) it just doesn't show the band setting the way it should.

That sums up the bad news.

Electrical:

Radio is completely restored electrically, *ALL* new resistors and capacitors under the chassis. (Modern metal oxide resistors and poly caps.) Three wire power cord and inrush limiter. Nice neat work everywhere. Radio works very well, meets or exceeds all published specs. Has less than 100 hours on complete set of NOS tubes.

Radio is guaranteed "plug and play." I have used it regularly for SWL, sounds very good with a good speaker.

History:

I bought it from Ben Hall a couple of years ago for \$100.

Since then it received a complete electrical rebuild and has been used regularly here.

Terms:

Central Florida try before you buy can be arranged.

Shipping: I will prep radio, and wrap in several inches of bubble pack before I haul it down to UPS for their "Versa-Pack" service.

(They will foam it in place in a suitable packing container.)

I will pay prep, packing and insurance. Buyer will pay actual UPS shipping.

\$150.00 plus actual shipping costs will get it to your door.

Thanks for your time,

-Larry

Larry Ware, a National Coil-Catacomb nut.

Admirer, Collector, Restorer of National Radio Company

receivers and other artifacts.

Orlando, Florida

lrware@pipeline.com

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit
Date: Tue, 27 Apr 1999 16:56:47 -0400 (EDT)
Subject: TUBE STUFF ON THE WEB
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9904271656.aa04540@pcusa01.ecunet.org>

To: boatanchors@theporch.com

Found some tube stuff, mostly CRTs but others too, at:
www.aade.com

click on "tubepedia". Go to bottom of each page to get to next page.

-John Sehring (Tue, Apr 27, 1999 Custer SD USA) UCC WB0EQ

Message-ID: <37262814.2D6273C1@ix.netcom.com>
Date: Tue, 27 Apr 1999 16:11:48 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: R-390 parts]
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This gentleman is working on an R-390 and on an R-392.
If anyone can help him out, pls contact him at:

mfaria@mail.utexas.edu

----- Original Message -----

From: "Mary Faria" <mfaria@mail.utexas.edu>

Hi Dave Thanks for talking to me this evening. Well, here's my want list.

I am looking for:

1. A complete RF deck for an R-390 non A.
2. A shop manual for a tv-2au that gives enough info so I can develop tube test settings for tubes not on the test scroll.
3. R-390 meters that r restoreable.
4. I would like to find a complete R-392 to restore. I have been told the radios r not very good but, I would like to do one anyway. I think they r a

neat looking radio. In addition if I do find a R-392 I will need to find spare tubes. I use the radios I restore and have no spares for the unique tubes that radio uses.

Thank you

Dave Faria
(512)288-2017
Austin, Tx

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "BoatAnchor List" <boatanchors@theporch.com>
Subject: RE: More Receiver alignment
Date: Tue, 27 Apr 1999 18:06:42 -0400
Message-ID: <000001be90fa\$3b82bc80\$11670518@cc328679-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hue Miller wrote:

> say, i'm recalling a BC-348 article in CQ or 73, where the author
> had tightened the passband by removing DC plate current from the
> IF transformers.

[and]

> so, in short, how's this work? i understand that the DC current
> would set up a magnet. does this increase/ decrease the inductance?
> if there was a ferrite core, would the effect be more / less?

If it does work, it works for the same reason that a swinging power-supply choke swings: Increasing dc through a swinging choke's winding increases the winding's dc magnetic field, biasing the core so as to decrease its permeability, and hence decreasing the inductance of the winding.

I'm quite interested in whether this might modify the BC-348's selectivity, having picked up a fine BC-348-J a couple of hamfests ago. The set's AM demodulation is a cut above, a characteristic I attribute to the set's use of a non-AGCed tube ahead of the detector. A bit more AM selectivity, meaning lower-level 5-kHz whines in the SWBC bands, would be fine with me. But that said, merely getting the dc out of the set's IF transformer primaries would only be part of the explanation for any improvement

achieved. Getting the dc out would increase the inductance of the affected windings -- but what about their Q? Changing the inductance and retuning the affected windings to 915 kHz would change the transformer coupling; changing the Q would, in effect, change the transformer loading, which also affects selectivity. I hope we can determine a cite for that article -- it'd be worth hunting up for its technical discussion alone (I hope).

BTW, something I would do first would be to fix my '348's crystal filter -- it's essentially just an attenuator. I recall postings here sometime back about fixing this problem by cleaning the crystal and its holder -- it's another project on the list!

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Message-ID: <37263B03.B36C7F1C@mc.net>
Date: Tue, 27 Apr 1999 17:32:35 -0500
From: Kevin Thomas <kg9il@mc.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Apache/SX-101 restoration
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

Starting a resto on the above mentioned units....after a good physical inspection, last weekend, this is my first "need" list

manuals for both units

main tuning knob for the sx-101

That will get me started..... and as always...any hints/kinks/suggestions welcome

Kevin
KG9IL

Message-ID: <00aa01be9105\$3b2b25a0\$b5cb2499@noname>
From: "Al Fritsche" <fritsche@email.msn.com>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: 275 Matchbox Sold
Date: Tue, 27 Apr 1999 18:24:43 -0500

Well, got reply on this item and sold....

Thanks
Al
KD5CML...

Message-Id: <3.0.5.32.19990427195727.008dc760@pop.pipeline.com>
Date: Tue, 27 Apr 1999 19:57:27 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: National NC-101 PWR Transformer
Cc: boatanchors@sco.theporch.com, national@qth.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm CC'ing the list(s) because the reply may be of general interest...

At 18:01 04/27/1999 -0500, you wrote:

>I have an incredibly clean 101XA,
<snip>
>it played up a storm, for about 20 mins til the transformer
>went short.
<snip>

>At any rate, have you found a source of replacements or anyone who
>rewinds them?

Well I understand Peter Dahl will rewind anything, and that he
is not cheap. :-(

I did one here, royal pain-in-the-patootie!

You need new wire as well, the old wire came off with too many
bends in it, to reuse. Perhaps if I had some way to roll it onto
spools under tension as it came off, it could of been reused.

I think I'd go with new wire anyway, the coatings are much better
these days.

Concerning replacements, I have sucessfully used both the
Thordarson P-T24R09U and the Hammond P-T270CAX (both available from AES)
as replacement units.
About \$40 each as I recall.

Both are vertical mount, unlike the originals. :-(

What I do is cut a scrap piece of relay rack panel (about 1/8" thick Aluminum) to size and make a mounting plate for it. You drill it for both the old and new mounting holes. This lets you install the replacement without hacking up the original chassis. Depending on the required hole layout you sometimes need short #10 spacers also.

Doing this solves four problems at once.

- 1) Mod is reversable if you ever find the correct transformer.
- 2) Aluminum is a good conductor of heat, and the transformer tends to run a little cooler, (even more so on spacers, more air flow.)
- 3) Gives you a handy place to hang an inrush limiter, (if your so inclined) and/or a MOV to snub spikes and surges.
- 4) Gets the radio working so you can enjoy it. :-)

In the NC-100 and NC-100A series there is ample vertical room for this kind of change. In other radios, your milage may vary.

Good Luck!

-larry

Larry Ware, a National Coil-Catacomb nut.
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.
Orlando, Florida
lrware@pipeline.com

Message-Id: <3.0.5.32.19990427214728.00825eb0@mail1.coastalnet.com>
Date: Tue, 27 Apr 1999 21:47:28 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Apache/SX-101 restoration
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>first "need" list

>>> manuals for both units

go to www.Hallicrafters.org the Hallicrafters Collectors Assn website.
If there's no 101 manual there yet, there will be as soon as I send stuff to the librarian. You should be able to get/see one there. (may need to join, but you oughta anyway, no chg)

If you want a copy thru the mail, let me know what model 101 it is. I'll make you one for 10 cents/pg + \$3.20 postage

>>main tuning knob for the sx-101

>

You and hundreds of others. (I presume yours is just badly chipped, not missing.)

The SX-101 is the prettiest rcvr made, IMHO, and a good performer.
There are probably some hints on the website for you. welcome to the group of admirers.
73,

Al, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

Message-ID: <37266BAD.115CB648@execpc.com>
Date: Tue, 27 Apr 1999 21:00:13 -0500
From: Mike Kana <cosmo224@execpc.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Mystery RF deck help
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all

I picked up an RF deck of military origin at a recent flea fest. It is approx
1.2 ft deep, 10 in high, 6 in wide appears to have 2 X150 tubes and 1
4CX250
tube plus other tubes (have not performed an id as of yet) The front
panel
controls consists of a PA tuning knob with pointer and RF Driver Tuning
knob
with pointer. Also a crystal selector which appears to hold barrel
shaped
axle leaded crystals. There is a rectangular connector on the front and
a
coax cable pigtail coming out the back. Frequency is from 225 to 400MC.

Not sure if this is a complete transmitter assembly or just an
upconverter.
Most likely AM since it is in the mil aero band (?). Any info would be
appreciated.

Tnx es 73
Mike AA9IL

Date: Tue, 27 Apr 1999 21:45:09 -0500
From: Joe Eide <jeide@execpc.com>
Subject: WTT: EFJ Ranger literature
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <37267635.C1BDCC54@execpc.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hello,

I would like to trade an EF Johnson Ranger sales brochure for some other Johnson sales brochure or Collins St James Gray literature. My Ranger literature is in like new condition.
I can provide a picture if necessary.

Thank you,

Joe Eide - KB9R

Message-ID: <000e01be9136\$cff739e0\$b6f186cd@jcall.sirius.com>
From: "Jim Carrington" <jcall@sirius.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Frequency-Selective Voltmeter, useage thereof.....
Date: Tue, 27 Apr 1999 22:20:16 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also have one (packed away in the storage shed) and I've been wondering about its possible use for us BA types as a LF IF signal tracer , a meter to measure stage gain or for peaking IF transformers around a particular frequency. It would be a little bit like the RF/IF frequency selective meter that was included in the old radio testers like the RCA/Ryder Channalyst. I'm not sure what the input impedance of the frequency selective voltmeter is and whether it would be high enough not to load the IF stages or oscillator. I wonder if anyone out there has tried to use one like this ?

73

Jim Carrington

-----Original Message-----
From: Tom R. Rice <tomrice@netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>

Date: Tuesday, April 27, 1999 11:50 AM
Subject: Frequency-Selective Voltmeter, useage thereof.....

>
>
>Earlier comments here indicated these are essentially radios with a meter
>attached. Is that correct? This is the first I have seen. What did they
>use these for? Checking signal strength for BC broadcasters? How is it
>at VLF freqs? Anyone happen to have a schematic?
>
> Sierra sets were used by telephone companies, railroads
> and others who communicated over wires using frequency-
> division multiplex carrier systems (such as the Bell
> System C, J, K, N & O, Lenkurt 45 or Kellogg K-24).
snip

Message-ID: <3726B4F3.13AB3809@pixi.com>
Date: Tue, 27 Apr 1999 21:12:51 -1000
From: Raymond Cote <rcote@pixi.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Whazzit?
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Gang!

Found a small box--remote control for a mil radio set. It is marked C-2110/VRC-33. It is 6" wide by 2" high and 2" deep. It has flanges to enable bolting to a wall. Once bolted, the top has 2 lamps (white lenses), a volume and squelch and an on/off switch. Probably a transmit/rec but it only says on/off. The bottom of the unit has a standard mic connector like one would see on a RF Comm transmitter -- circular 4-pin thread on. That's all I know about this. Oh yes, It has a 10 foot cable with a 12 pin Cinch-Jones connector on the end.

First good story on why you want this for yourself gets it. Judges decission is final. Winner pays shipping, most likely less than \$5.

Raymond CÙtÈ
1405 Dominis ST #105
Honolulu, HI 96822-3213

End of BOATANCHORS Digest 2522

>From ???@??? Thu Apr 29 09:12:30 1999
Message-Id: <199904282159.QAA05169@sco.theporch.com>
Date: Wed, 28 Apr 1999 16:57:51 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2523

BOATANCHORS Digest 2523

Topics covered in this issue include:

- 1) Who's the JOAK on ?
by Hue Miller <kargokult@proaxis.com>
- 2) More receiver Alignment
by "Richard Brunner" <rbrunner@gis.net>
- 3) Drake T4XB Xtal?
by Niel Wiegand <nielw@ix.netcom.com>
- 4) Oakland / SF help?
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 5) Hallicrafters Book
by David Stinson <arc5@ix.netcom.com>
- 6) Can't tame EX107's RFA
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 7) HF Sites in Colombia
by Jack Harper <jharper@bsi2000.com>
- 8) DX-100 vfo problems
by W4UOC@aol.com
- 9) Re: Can't tame EX107's RFA
by "Arden Allen" <gumbear@pacbell.net>
- 10) 5899 / 5718 dates?
by Pete McCollum 28-Apr-1999 0909 -0600 <mccollum@ssdevo.UNET.dec.com>
- 11) Re: HF Sites in Colombia
by John R Bookout K7JB <k7jb@uswest.net>
- 12) ADMINISTRIVIA: Posting Admin Requests
by listown@jackatak.theporch.com (Mail List Owner)
- 13) Re:Receiver Alignment
by FRANKK6NL@aol.com
- 14) Gonset Commander
by Garey Barrell <k4oah@mindspring.com>
- 15) HF Sites in Colombia??
by "Tom R. Rice" <tomrice@netcom.com>
- 16) Re: Can't tame EX107's RFA
by "Sandy Blaize" <ebjr@worldnet.att.net>
- 17) HRO Values
by Dennis Gehrke <DLG1@micron.net>

- 18) Useful New Post Office Offering
by David Stinson <arc5@ix.netcom.com>
- 19) Multicoupler Cables
by "Tony" <tony@bright.net>
- 20) EV 655
by Dave Jordan <wa3gin@erols.com>
- 21) Re: Gonset Commander
by john <johnmb@mindspring.com>

Message-Id: <3.0.5.32.19990428003539.007b7690@proaxis.com>
Date: Wed, 28 Apr 1999 00:35:39 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Hue Miller <kargokult@proaxis.com>
Subject: Who's the JOAK on ?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would like to ask if any listmembers have world radio station listings from the WW2 era. or not long afterward? if so, can someone look up station JOAK in Tokyo? My 1987 WRTH lists it as 594 kHz.

Reason: last week i saw in USA Today newspaper a large ad for some kind of "News Museum". One of the prime graphics was a photo of a "microphone used by Tokyo Rose".
this appears to be the same microphone sold by Manion's Auction last year for some thousands of dollars, as i reported then.
however, being a skeptical malcontent, i've harbored doubts since then. The auction house derives its income as a percentage of the sales price, and from descriptions of offered items that i have seen, i would say the auction house is non too rigorously concerned with veracity of seller's claims, as well as outright errors of fact on their own part.

so, JOAK is a medium wave domestic station. I also see in a Pop Comm article of a few years back, a listing of Japan's overseas broadcasts calls and frequencies, and lo, no JOAK there.

looks to me like someone came into possession of a microphone, perhaps replaced as obsolete, from a Japan domestic medium waver, and parlayed an interesting radio item into a historical treasure worth thousands. i'm going to find the newspaper announcement, the Pop Com article, the original Manion's listing, and hopefully, some reference to a valid early frequency listing, and present the information to that museum.

hue miller ka7lxy

Message-ID: <000301be916a\$c4c10ea0\$cb2f29d8@blah>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: More receiver Alignment
Date: Wed, 28 Apr 1999 07:31:33 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Re: Magnetic Detuning of IF Transformers due to plate current.

If the IF transformers are air-core, there is no effect, If they are iron-core, as noted, the magnetic field change, due to plate current change from AVC action, may reduce the permeability, reducing inductance and detuning the transformer. However, in reality we are talking about less than 1 ampere-turn, which isn't much. (coil turns times plate current) I suspect the effect, if any, is much less than that of the "Miller Effect" detuning due to the AVC. (Miller Effect; there is reflected into the grid circuit of a tube a capacitance which is a function of the gain of the tube.) Miller Effect is overcome by limiting stage gain, and swamping it with enough capacitance in the tuned circuit. Life is a series of compromises!

Richard Brunner, AA1P, rbrunner@gis.net

Message-ID: <3726F6D3.F4C9E003@ix.netcom.com>
Date: Wed, 28 Apr 1999 06:53:55 -0500
From: Niel Wiegand <nielw@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Drake T4XB Xtal?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My Drake T4XB manual lists only 20.8MHz as an acceptable crystal to put the rig on 30 meters. Drake provided the list below of crystal manufacturers.

Has anyone had recent experience dealing with any of these companies for crystals to go in their rigs? Cost? Shipping delays? Familiar with Drake crystal requirements? General satisfaction?

tnx es 73, Niel

> > The following crystal suppliers can assist you with the required
> crystals.

> >

> >	Jan Crystals	Velco Electric, Inc.
> >	2400 Crystal Drive	611 Wangum Road
> >	Ft. Myers, Fl. 33906-6017	Fishers, NY 14453

> >

> >	Phone 813-936-2397	Phone 716-924-2073
> >	Fax 800-526-9825	Fax 716-924-2136

> >

> >	Crystek Crystals	B D Crystals
> >	2351/2371 Crystal Drive	1438 Cox Avenue
> >	Ft. Myers, Fl. 33907	Erlanger, Ky. 41018

> >

> >	Phone 800-237-3061	Phone 606-283-5000
-----	--------------------	--------------------

Date: Wed, 28 Apr 1999 09:23:09 -0400

From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)

Message-Id: <199904281323.JAA18263@aa4rm.ba-watch.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Oakland / SF help?

I think this is a legit BA request.

A surplus dealer here (Atlanta) sold a California SWL a R388 6 mo.s back.
R388's main electrolytic (described as above-chassis cylindrical can)
exploded yesterday.

Surplus man asked me to see if there's anyone in those parts that'd
take some bux to replace that cap.

Tnx the attention,

Marty

Message-ID: <372714D8.AE081BA7@ix.netcom.com>

Date: Wed, 28 Apr 1999 09:02:00 -0500

From: David Stinson <arc5@ix.netcom.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Hallicrafters Book

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've found a tiny, red Hallicrafters book, published in 1961,

called "Guide to Short Wave Listening." It is printed on the back cover, "compliments of Jack F. McKinney Sales Co." in Houston, Texas. It's about 2 inches by 3 inches and 64 pages. Lots of useful information for the person new to SWLing.

Were these widely distributed by Hallicrafters to their dealers for advertising or sales promotion? Did they come in different colors or versions? Are many still around?

Thanks,
Dave AB5S

Date: Wed, 28 Apr 1999 10:19:11 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199904281419.KAA18296@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Can't tame EX107's RFA

Have that Halli/Echophone rattling again but can't tame it's 6SG7 RF amp stage on higher SW bands.*

It oscillates like crazy when brought thru input & output resonance via alignment trimmers.

Have tried RG174 shielded on plate & grid lead, short bypasses fm screen to cathode, and 6SK7 (μ 2000) for the 6SG7 (μ 4500).

Nada - always oscillates around peaks.

Then loosened/tightened the screws retaining the trimmer-mount bars since chassis flexure changed things a little. No joy.

WB4MNF suggested that since this thing was nearly a one-off that it may be a notorious design defect.

It works fb on BC and 80m & I may just have to be satisfied if no one can venture an idea.

Thanks for the review to anyone that read to this point.

Marty

*ODD BUT CUTE(?) DESIGN IDEA IN SET

RFA plate is not switched to primaries of each input coil - instead all primaries seriesed fm BC where B+ applied thru highest freq. where

plate lead emerges.

Probably common but the method's eluded me for all this time.

Message-Id: <4.1.19990428080230.00b18d30@mail.pcisys.net>
Date: Wed, 28 Apr 1999 08:21:36 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: HF Sites in Colombia
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All...

I just returned from a week-long business trip to Bogota and Medellin, Colombia (no -- I, in fact, do not deal in the white powder stuff -- my business is far less exciting than that).

One thing I quickly noticed was the preponderance of HF beam antennas all over the city of, especially, Bogota the capital. It seems as if about every third office building of any size has a very nice three element HF beam on a 30 - 50' tower up on top. I have never seen so many pretty antennai in one area before.

Question: Does anyone know the purpose of those sites? Is commercial HF the standard method of long-distance business communications in that part of the world? These things are everywhere.

The anti-government guerrilla forces control about half of the countryside and seem to delight in mischief and mayhem all over the country and in the cities. The road between Bogota and Medellin is, apparently, perpetually cut which means that the best way to get there is by plane -- strange feeling knowing that you are literally surrounded by people who would delight in cutting your throat with no way out except by plane. So -- I see that landline telephone lines running across the countryside might be a problem for communications but, these days, I would think that satellite traffic would work fine -- why are those HF sites everywhere?

Regards,

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303-231-9095

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From: W4UOC@aol.com
Message-ID: <1edaa0f.24587703@aol.com>
Date: Wed, 28 Apr 1999 10:36:51 EDT
Subject: DX-100 vfo problems
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have restored a DX-100 that seems to work great except for one thing. After the rig warms up for some time the vfo, when checked against the receiver bfo starts to "chirp" somewhat. It moves only a few cycles. It does not happen when it is first turned on and relatively cool. It may take 30 mins to start to show this instability.

It appears to be only a problem in the 160-80 meter portion. I have checked and cleaned all mechanical, ground connections, and switch wafers. I have also changed the 6AU6 out with several replacements. It may be one of the mica caps but they all checked out ok with my test device. Guess, I should try cold spray next to see if I can identify the part that is changing value.

Obviously the xtal is rock stable.

Any thoughts?

Tom Koch - W4UOC
Dunwoody, GA.

Message-Id: <199904281455.HAA14057@mail-gw2.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Can't tame EX107's RFA
Date: Wed, 28 Apr 1999 07:58:50 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Marty;

> Have that Halli/Echophone rattling again but can't tame it's 6SG7 RF
> amp stage on higher SW bands.*.....

If the input and output circuits have characteristics that enhance the effect of tube feedback capacitance, irrespective of external feedback paths, you will have an oscillator, a tuned-grid/tuned-plate oscillator. One approach to getting things stable is to *neutralize* the amp, just the same as you need to neutralize a 6146 that has too high a grid circuit impedance. Consult your favorite technical reference for circuit ideas.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <9904281512.AA20150@us3rmc.cxo.dec.com>
Date: Wed, 28 Apr 99 09:12:25 MDT
From: Pete McCollum 28-Apr-1999 0909 -0600 <mccollum@ssdevo.ENET.dec.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 5899 / 5718 dates?

Hey gang,
If somebody's got their copy of "Tube Lore" handy, or if you have another source, I need to know the introduction dates for the 5899 and 5718 submini tubes.
Please fire off an e-mail to me at:
mccollum@ssdevo.enet.dec.com
or
saipan59@juno.com

Thanks!
Pete McCollum

Message-ID: <37272B8F.EEC5594@ptld.uswest.net>
Date: Wed, 28 Apr 1999 08:38:55 -0700
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HF Sites in Colombia
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jack:

I have been to La Paz Bolivia on vacation and noticed the same thing! I

even visited their local Radio Club Boliviano CP1AA but it didn't occur to me to ask what these HF antennas were used for because I assumed they belonged to hams.

The radio club president invited me for a club visit and they were well equipped with HF and 2 meter packet gear at that time.

One interesting twist was the way hams there get their licenses. They apply to the radio club! No Federal agency like here in the States.

73's John K7JB

Jack Harper wrote:

>
> Hello All...
>
> I just returned from a week-long business trip to Bogota and Medellin,
> Colombia (no -- I, in fact, do not deal in the white powder stuff -- my
> business is far less exciting than that).
>
> One thing I quickly noticed was the preponderance of HF beam antennas all
> over the city of, especially, Bogota the capital. It seems as if about
> every third office building of any size has a very nice three element HF
> beam on a 30 - 50' tower up on top. I have never seen so many pretty
> antennai in one area before.
>
> Question: Does anyone know the purpose of those sites? Is commercial HF the
> standard method of long-distance business communications in that part of
> the world? These things are everywhere.
>
> The anti-government guerrilla forces control about half of the countryside
> and seem to delight in mischief and mayhem all over the country and in the
> cities. The road between Bogota and Medellin is, apparently, perpetually
> cut which means that the best way to get there is by plane -- strange
> feeling knowing that you are literally surrounded by people who would
> delight in cutting your throat with no way out except by plane. So -- I see
> that landline telephone lines running across the countryside might be a
> problem for communications but, these days, I would think that satellite
> traffic would work fine -- why are those HF sites everywhere?
>
> Regards,
>
> Jack, W0YJ (Friend to all things Hammarlund)
>
> -----
> Jack Harper
> 303-231-9095
>
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Lakewood, Colorado USA

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> -----

--
Best 73's John
Amateur Radio K7JB -- Portland Oregon 97229

Message-Id: <199904281615.LAA14505@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Wed, 28 Apr 99 11:15:00 CDT

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Wed Apr 28 11:15:00 CDT 1999

From: FRANKK6NL@aol.com

Message-ID: <82d68dac.245890f7@aol.com>

Date: Wed, 28 Apr 1999 12:27:35 EDT

Subject: Re:Receiver Alignment

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hue Miller wrote:

> say, i'm recalling a BC-348 article in CQ or 73, where the author
> had tightened the passband by removing DC plate current from the
> IF transformers.

Yes it may well have happened. But I suggest that the reason was feed back which developed because of interstage coupling between the chokes. That could cause regeneration which would "tighten the passband ". I think one can assume that the chokes were located at the tube sockets under the chassis and not too far apart and the possibility of such coupling either capacitative or inductive surely would exist. If you want to tighten the bandpass with a smidgeon of regeneration then a little capacitance between the grid and plate of either or both of the IF tubes would do the job.

Frank

Message-Id: <3.0.1.32.19990428130037.00695770@pop.mindspring.com>

Date: Wed, 28 Apr 1999 13:00:37 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: Garey Barrell <k4oah@mindspring.com>

Subject: Gonset Commander

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Anybody got one of these with the "real" 80/40 meter coil in it. I am

looking at one for a friend that has a B&W 40JVL in it. Shorting out some turns gets in to at least resonate, but not very efficient. This coil is a push-pull, center link style. I'm guessing the original coil has an end link?

Any help appreciated.

73,

Garey - K4OAH
k4oah@mindspring.com
Atlanta

From: "Tom R. Rice" <tomrice@netcom.com>
Message-Id: <199904281735.KAA16468@netcom12.netcom.com>
Subject: HF Sites in Colombia??
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 28 Apr 1999 10:35:11 -0700 (PDT)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Jack Harper asked:

Question: Does anyone know the purpose of those sites? Is commercial HF the standard method of long-distance business communications in that part of the world? These things are everywhere.

I wouldn't be surprised it 'twere true. Back in the mid-Seventies, I worked nights for a major disk-drive manufacturer in Silicon Valley. The janitorial team was passing through during the night and leaving office doors open while they worked. As I was going down the hall, I was surprised to see a Swan rig sitting on a desk in one small office, hooked up with mike and a coax cable entering the wall.

The next morning I stopped by the office and asked the guy there what was up, saying I'd just gotten my Novice license (true) and was admiring his rig. He said he wasn't a ham, but that the rig was company-owned and that they used it for their communications link with their plant in Mexico. (That night I went up on the roof and, sho 'nuff, there was a Tri-Bander aimed in the right direction.)

So it probably happens more often than we'd like to

think about.

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice
tomrice@netcom.com

Message-ID: <000001be91a1\$e8cc0700\$7cf0490c@SandyBlaize>
From: "Sandy Blaize" <ebjr@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Can't tame EX107's RFA
Date: Wed, 28 Apr 1999 12:20:45 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Arden Allen <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wednesday, April 28, 1999 9:58 AM
Subject: Re: Can't tame EX107's RFA

>Hi Marty;
>
>> Have that Halli/Echophone rattling again but can't tame it's
6SG7 RF
>> amp stage on higher SW bands.*.....
>
>If the input and ouput circuits have characteristics that
enhance the
>effect of tube feedback capacitance, irrespective of external
feedback
>paths, you will have an oscillator, a tuned-grid/tuned-plate
oscillator.
>One approach to getting things stable is to *neutralize* the
amp, just the
>same as you need to neutralize a 6146 that has too high a grid
circuit
>impedance. Consult your favorite technical reference for
circuit ideas.
>
>

>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

>

>

I had this problem with an SX-71 that about drove me to drink!

Check and see if the rotor wipers are making proper contact in the "between gang" shields in the tuning capacitor! I haad to remove the ones in the SX-71, clean them, rebend them and re-install them. The instability completely disappeared then! The signal was travelling down the rotor shaft from one gang to another! Since I had another set doing something similar, and this treatment cleared its problem up too.

73,

Sandy W5TVW

Message-ID: <372764FE.C73CA7F2@micron.net>
Date: Wed, 28 Apr 1999 13:43:58 -0600
From: Dennis Gehrke <DLG1@micron.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HRO Values
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys,

I purchased a fairly lage HRO collection several years ago which I have decided to sell-off. The pieces I am inquiring about is a HRO-50R rack mount with the speaker/coil storage unit, full of coils! The other units are HRO-60's, all in very nice condition. The 60's have coil sets. Any help would be greatly appreciated.

73's

Dennis Gehrke
KC7VXD

Message-ID: <37276CC4.4BE9BD2A@ix.netcom.com>
Date: Wed, 28 Apr 1999 15:17:08 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Useful New Post Office Offering
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The US Post Office has a new service that will be useful to us boatanchor swappers and shippers.

For 33 cents, they will add a "Delivery Confirmation," similar to the one used by UPS, to your package.

As an example, take a look at this package I mailed a few days ago--

You can find the tracking web page at:

<http://www.usps.com/cgi-bin/cttgate/ontrack2.cgi>

The tracking number for the item is:

03047990000170717636

Just cut and paste the number onto the tracking page and it will tell you when and where it was mailed and the current status of the shipment.

Pretty cool.

Even better than UPS because it lets you know when and where it was mailed.

Just thought you'd like to know.

73 Dave Stinson AB5S

Message-Id: <199904282142.RAA01894@sparticus.bright.net>
From: "Tony" <tony@bright.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 28 Apr 1999 17:42:01 -0400
Subject: Multicoupler Cables

Hi All,

I've enjoyed reading of Jim's multicoupler acquisition and testing. I wish I knew how to test my equipment so thoroughly!

Now that you have your multicoupler, how are you going to put it in service without soldering up all of those pesky antenna cables? I

have just the ticket - my Junk Boxes yielded a number of CG-1127/U cable assemblies, consisting of two silver right-angle BNC connectors and 10 ft of nice quality RG-58/U coax. I have ten of these in use with my multicoupler, and they work like a charm.

I have 14 of these cable assemblies available for \$9 each postage paid (via Priority Mail), less if you need more. Send me a note!

73,

Tony N8SNC

See Us at Dayton! 2143 & 2144 in the Flea Market.
Old Radios, Tubes, and Stuff You Need A Cart To Carry.

Message-ID: <372784B5.4D9B7792@erols.com>
Date: Wed, 28 Apr 1999 17:59:17 -0400
From: Dave Jordan <wa3gin@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: EV 655
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

Does anyone have info on the Electrovoice 655 microphone? A friend is sending me one and I have no idea if I can use it...

thanks,
dave

Message-Id: <3.0.3.32.19990428175400.00787ffc@mindspring.com>
Date: Wed, 28 Apr 1999 17:54:00 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Re: Gonset Commander
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Garey,
Mine came with two coils (which are B&W made for Gonset, I'd bet).

Number one is stamped "G 40/75/80"
and is 8TPI, 1.5" Diameter, 1.75" total length...no taps or shorting

wires.

Number two is 5 total turns (In 1"), 1.5" diameter and is labeled
"G 10-15-20"

and is complete with a tap to short out turns. The tap does NOT
look OEM, but the coils both do.

Best
/John

PS: Want a digi-photo?

At 01:00 PM 4/28/99 -0400, you wrote:

>
>Anybody got one of these with the "real" 80/40 meter coil in it. I am
>looking at one for a friend that has a B&W 40JVL in it. Shorting out some
>turns gets in to at least resonate, but not very efficient. This coil is a
>push-pull, center link style. I'm guessing the original coil has an end
link?

>
>Any help appreciated.

>
>73,

>
>Garey - K40AH
>k4oah@mindspring.com
>Atlanta

>
>

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
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End of BOATANCHORS Digest 2523
